LIBRARY
FEB 8 - 1937
WEATHER BUREAU

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

NOVEMBER, 1936

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Syria

NOVEMBER 1936
METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	62.0	61.7	62.9	62.2	25.9	19.3	23.6	25.4	22.6	23.9
2	3.9	3.4	3.5	3.6	25.1	19.4	23.3	24.4	22.1	23.3
3	3.9	3.3	3.7	3.6	24.6	20.0	23.2	23.2	21.1	22.5
4	3.7	2.7	3.3	3.2	25.4	20.0	22.4	23.9	21.9	22.7
5	3.4	1.6	3.3	2.8	24.7	18.9	22.8	23.8	21.3	22.6
6	64.5	63.5	63.7	63.9	24.7	20.1	22.6	23.8	21.6	22.7
7	3.6	2.2	2.3	2.7	25.4	22.3	23.9	24.9	24.0	24.3
8	3.3	60.8	1.5	1.5	28.5	22.4	25.8	25.8	24.3	25.3
9	3.1	3.2	3.9	3.4	25.9	19.1	24.6	23.6	21.7	23.3
10	4.8	3.7	4.4	4.3	24.1	17.7	21.9	23.2	21.1	22.1
11	65.1	64.0	64.6	64.6	23.3	18.7	21.5	23.1	21.2	21.9
12	5.0	3.6	3.7	4.1	24.4	19.0	22.0	23.2	20.5	21.9
13	3.9	2.3	1.2	2.5	25.1	19.0	22.6	22.6	21.2	22.1
14	2.7	2.4	2.6	2.6	23.7	17.1	21.8	22.4	19.3	21.2
15	3.3	2.8	3.2	3.1	22.8	17.1	20.1	21.4	19.5	20.3
16	63.6	62.2	61.9	62.6	23.0	18.7	21.4	22.1	19.8	21.1
17	1.7	0.8	1.0	1.2	23.8	18.4	22.1	23.2	20.0	21.8
18	1.4	1.1	1.4	1.3	23.5	18.1	21.4	23.1	19.6	21.4
19	1.1	59.6	59.1	59.9	23.5	19.9	21.8	22.8	21.5	22.0
20	58.8	8.5	8.3	8.5	25.1	18.4	23.2	23.6	23.9	23.6
21	60.1	58.4	58.9	59.1	24.0	15.0	18.2	20.9	17.2	18.8
22	56.7	5.7	6.0	6.1	20.6	14.6	18.7	16.0	16.2	17.0
23	7.1	5.4	7.1	6.5	19.8	14.0	16.8	17.4	15.2	16.5
24	7.1	6.2	7.3	6.9	18.9	13.3	15.2	15.8	18.3	16.4
25	6.4	4.3	3.1	4.6	20.2	12.9	14.9	17.3	16.6	16.3
26	57.1	57.3	58.4	57.6	18.2	9.9	13.5	15.7	14.7	14.6
27	60.4	60.0	61.1	60.5	16.8	10.0	12.4	13.6	11.9	12.6
28	3.4	3.2	4.5	3.7	16.4	12.7	13.3	15.9	13.2	14.1
29	4.9	3.3	3.2	3.8	17.8	15.0	15.5	16.9	17.9	16.8
30	2.4	1.4	1.5	1.8	20.9	16.5	18.4	18.4	16.8	17.9
	761.91	760.95	761.35	761.40	22.87	17.92	20.30	21.25	19.54	20.37

Barometer, range for month 753.1 mm.–765.1 mm.
,, 50-yr. average for month 762.865 mm.
Thermometer, Range for month 9.9° C.—28.5° C.
,, 50-yr. average for month 19.68° C.
Rain, total for month 276.485 mm.
,, , 50-yr. average for month 135.130 mm.
,, , total, Sept. 1st to end of month 303.614 mm.
,, 50-yr. average, Sept. 1st to end of month 195.080 mm.

NOVEMBER 1936

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	21.1	22.3	20.9	16.6	17.5	17.1	17.1	77	72	84	78	9.7	
2	20.7	21.3	20.6	16.5	16.4	16.9	16.6	76	73	86	78	9.6	
3	20.9	20.8	19.6	16.5	16.4	15.8	16.2	78	77	84	80	5.8	
4	20.3	21.1	20.1	16.5	16.4	16.1	16.3	80	74	82	79	1.8	
5	18.9	20.8	18.6	13.6	16.1	14.1	14.6	66	74	74	71	9.5	
6	21.2	19.9	19.2	17.5	14.6	14.8	15.6	86	67	75	76	5.7	
7	21.1	21.1	21.8	16.5	15.7	17.6	16.6	73	68	79	73	8.0	
8	20.6	22.8	17.1	14.4	18.2	14.1	15.6	58	73	63	66	5.2	
9	21.7	20.2	18.4	17.1	15.2	13.4	15.2	74	70	69	71	0.6	
10	18.3	18.8	17.8	13.2	13.2	13.0	13.1	67	62	69	66	8.7	
11	17.2	18.4	18.5	11.8	12.7	14.0	12.8	62	60	75	66	9.6	
12	18.6	19.1	18.5	13.5	13.6	14.3	13.8	68	64	80	71	9.6	
13	18.1	19.2	20.9	12.5	14.2	18.2	15.0	61	70	97	76	9.3	
14	20.2	19.1	16.8	16.4	14.0	12.6	14.3	85	69	75	76	9.5	
15	17.7	17.8	17.3	13.3	12.8	13.2	13.1	76	67	78	74	8.6	
16	15.1	17.6	14.6	9.3	12.1	9.4	10.3	48	61	54	54	9.5	
17	17.6	20.3	17.8	12.0	15.5	13.7	13.7	60	75	79	71	9.1	
18	18.4	19.8	18.2	13.6	14.9	14.5	14.3	72	71	86	76	8.4	
19	18.2	19.3	19.2	13.1	14.2	14.9	14.1	67	69	77	71	7.3	
20	20.4	19.8	20.3	15.8	14.5	15.1	15.1	75	67	68	70	4.5	
21	17.7	17.6	15.3	14.6	12.8	11.7	13.0	94	70	80	81	3.4	23.800
22	16.1	15.8	14.5	11.9	13.1	11.2	12.1	75	95	82	84	1.1	48.057
23	15.2	15.6	14.8	11.8	14.5	12.3	12.9	82	81	96	86	4.9	14.580
24	14.7	15.5	15.3	14.6	12.9	11.1	12.9	94	97	71	87	0.0	96.926
25	14.7	15.6	15.1	12.4	12.0	11.8	12.1	98	81	84	88	0.0	22.098
26	11.3	10.9	10.4	8.8	7.5	7.0	7.8	75	56	58	63	3.4	16.840
27	10.7	11.3	10.5	8.6	8.7	8.7	8.6	80	74	83	79	2.0	31.754
28	12.7	13.4	12.7	10.6	9.9	10.6	10.4	94	74	94	87	2.6	22.352
29	12.7	13.7	13.1	9.3	9.8	8.6	9.2	70	69	56	65	7.5	00.078
30	12.7	14.5	11.8	8.3	10.0	7.7	8.7	51	63	54	56	7.4	
				13.36	13.64	13.11	13.37	74.70	71.40	76.40	74.30	6.07	9.216

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

NOVEMBER 1936
METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	0	0	9cu	3.0	1sw	1sw	0	112.2	slight	
2	3cu	2cu	1cu	2.0	0	1n	3n	93.3	calm	mist a.m.
3	5stcu	4ci	8ci	5.7	1se	1ne	0	103.0	slight	„ „
4	10cicu	10cicu	4cu	8.0	0	0	4se	99.8	calm	„ „
5	9ci	2cu	0	3.7	3n	1n	2n	344.4	slight	
6	6cicu	8ci	0	4.7	1se	0	0	112.6	calm	
7	4cicu	7cicu	0	3.7	0	2n	1ne	101.4	mod.	lightning
8	9ci	10ci	8ci	9.0	0	1ne	0	175.4	slight	mist a.m.
9	10cu	10nicu	5cu	8.3	2ne	2sw	0	168.9	„	fog a.m.
10	3cu	2cu	3cu	2.7	0	2se	1n	67.6	mod.	
11	2cu	0	0	0.7	0	3sw	1ne	196.3	slight	
12	0	0	0	0.0	0	2n	0	90.1	„	mist a.m.
13	0	0	0	0.0	3n	4n	0	217.2	mod.	
14	1cu	0	0	0.3	0	1n	0	160.9	slight	
15	5cu	0	0	1.7	0	1n	0	92.2	calm	„ „
16	0	1st	0	0.3	0	2n	0	60.3	slight	„ „
17	0	0	0	0.0	0	0	0	72.4	calm	„ „
18	4ci	3ci	0	2.3	0	2sw	0	50.9	„	„ „
19	5ci	5cu	5cu	5.0	1n	1n	0	19.6	„	„ „
20	9ci	10ni	10cu	9.7	0	3n	5s	84.3	„	
21	10ni	6cu	10ni	8.7	2s	4s	1s	449.0	slight	
22	6cicu	10ni	8cu	6.3	3s	2s	1n	318.7	mod.	
23	7cu	10ni	10ni	9.0	1s	5s	1s	259.1	rough	
24	10ni	10ni	10ni	10.0	4s	3s	4sw	425.9	„	
25	10ni	10ni	10ni	10.0	1s	1s	5s	607.2	„	
26	8ni	8cu	8nicu	8.0	3s	3s	5s	432.8	„	snow on mts.
27	6cu	10ni	8ni	8.0	1s	2s	1s	286.8	„	
28	10ni	9nicu	10ni	9.7	0	1s	0	257.5	„	
29	2cu	0	7stcu	3.0	0	1n	0	174.0	calm	
30	4stcu	3stcu	0	2.3	1s	1s	0	118.6	slight	
					28	53	35			
				4.86	0.9	1.8	1.2	191.75		

2 6 3

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	3	1	0	2	8	1	0	0	15	30
14:30	11	2	0	1	9	4	0	0	3	30
20:30	4	2	0	1	6	1	0	0	16	30
Totals	18	5	0	4	23	6	0	0	34	90

Number of days with rain 9, fog 1, thunderstorms 0, gale 0.

50-yr. average number of days with rain during month 9.8